

TYPE: amino acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 MOLECULE TYPE: protein

PCT-US96-12860-2

*Applicant Copy  
09/689,366  
2/18/2004*

Query Match 100.0%; Score 3277; DB 5; Length 618;  
 Best Local Similarity 100.0%; Pred. No. 4.8e-308;  
 Matches 618; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MHKTASORLPGPSYONIKSIMEDSTILSDWNTNSNQKMKYDFSCELYRMSYSTFPAGV 60  
 Db 1 MHKTASORLPGPSYONIKSIMEDSTILSDWNTNSNQKMKYDFSCELYRMSYSTFPAGV 60

QY 61 PYSERSLARAGFYVTGVDNDKVKGFCGGMLDNWKLFSPQHKKOLYPSCSFIONLVAS 120  
 Db 61 PYSERSLARAGFYVTGVDNDKVKGFCGGMLDNWKLFSPQHKKOLYPSCSFIONLVAS 120

QY 121 LGSTSNTSPMENSFAHSLSPTEHSSLFSGSSYSSPNPLNSRAVEDISSRTNPYSA 180  
 Db 121 LGSTSNTSPMENSFAHSLSPTEHSSLFSGSSYSSPNPLNSRAVEDISSRTNPYSA 180

QY 181 MSTEEARFLTYHMPPLTFSSELARAGFYVIGPGRVACAGGKLNSNWEPKDAMSEH 240  
 Db 181 MSTEEARFLTYHMPPLTFSSELARAGFYVIGPGRVACAGGKLNSNWEPKDAMSEH 240

QY 241 RRHFPNCPELENSLETRSISNLSMOTHAAHMRMTMYWPSVPVQPEQTLASAGFYVYGR 300  
 Db 241 RRHFPNCPELENSLETRSISNLSMOTHAAHMRMTMYWPSVPVQPEQTLASAGFYVYGR 300

QY 301 NDDVKCFCCDGGLRCWESGDPWVEHAKWPRCEFLIRMKQEFVDEIOPGRYPHLQLL 360  
 Db 301 NDDVKCFCCDGGLRCWESGDPWVEHAKWPRCEFLIRMKQEFVDEIOPGRYPHLQLL 360

QY 361 STSDTGEENADPPIIHFGFGESESSEDAMVNTPVVKSALENGFNRLVQTVOSKILTT 420  
 Db 361 STSDTGEENADPPIIHFGFGESESSEDAMVNTPVVKSALENGFNRLVQTVOSKILTT 420

QY 421 GENYKTVDIVSALLNAEDEKREEKEKOABEMASUDSLSLTRKNRMALFOOLTCVLPLD 480  
 Db 421 GENYKTVDIVSALLNAEDEKREEKEKOABEMASUDSLSLTRKNRMALFOOLTCVLPLD 480

QY 481 NLLKANVINKQEHDIKQTQIPLOARELDTILVGNAAANIIFCNKLUKEIDSTLYKLF 540  
 Db 481 NLLKANVINKQEHDIKQTQIPLOARELDTILVGNAAANIIFCNKLUKEIDSTLYKLF 540

QY 541 VDKNMKYVPTEDVSGLSLEBQLRQBERTCKVCMDEKEYSVVFIPCGHLVVCQECAPSLR 600  
 Db 541 VDKNMKYVPTEDVSGLSLEBQLRQBERTCKVCMDEKEYSVVFIPCGHLVVCQECAPSLR 600

QY 601 KCPICRGTIKGTVRTFLS 618  
 Db 601 KCPICRGTIKGTVRTFLS 618

RESULT 4  
 US-08-511-485-8  
 Sequence 8, Application US/08511485  
 Patient No. 5919912  
 GENERAL INFORMATION:  
 APPLICANT: Korneluk, Robert G.  
 APPLICANT: Mackenzie, Alexander E.  
 APPLICANT: Baird, Stephen  
 TITLE OF INVENTION: MAMMALIAN IAP GENE FAMILY, PRIMERS,  
 TITLE OF INVENTION: PROBES, AND DETECTION METHODS  
 NUMBER OF SEQUENCES: 38  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Fish & Richardson, P.C.  
 STREET: 225 Franklin Street  
 CITY: Boston  
 STATE: MA  
 COUNTRY: USA  
 ZIP: 02110-2804